1. [Amended] A method of optimally demanufacturing a product to provide greatest economic benefit, comprising the steps of:

providing a product for demanufacturing, said product having a plurality of parts, wherein each of said parts comprises one or more commodities;

collecting a resale price for said product;

collecting one or more resale prices for one or more of said parts respectively;

collecting one or more commodity prices for one or more of said commodities respectively;

determining the labor expense to remove said each of said parts from said product;

entering said resale prices, said commodity prices, and said labor expense into a computer model;

executing said computer model to make a determination of which of said parts to be removed from said product and an optimum level of demanufacturing to provide greatest economic benefit by recovering largest revenue; and

in response to said determination, either offering said product for resale, or removing said parts which were determined to be removed, if any and offering said parts for resale, separating

any remaining parts into said commodities, and offering said commodities for resale.

6. [Amended] A method of determining the optimal extent to demanufacture a product to provide greatest economic benefit, comprising the steps of:

providing a product for demanufacturing, said product having a plurality of parts, wherein each of said parts comprises one or more commodities;

collecting one or more resale prices for one or more of said parts respectively;

collecting one or more commodity prices for one or more of said commodities respectively;

determining the labor expense to remove said each of said parts from said product;

entering said resale prices, said commodity prices, and said labor expense into a spreadsheet model; and

executing said spreadsheet model to optimally determine which of said parts to remove from said product to provide greatest economic benefit by recovering largest revenue.

7. [Amended] A method of determining the optimal extent to demanufacture a product to provide greatest economic benefit,

comprising the steps of:

providing a product for demanufacturing, said product having a plurality of parts, wherein each of said parts comprises one or more commodities;

collecting a resale price for said product;

collecting one or more resale prices for one or more of said parts respectively;

collecting one or more commodity prices for one or more of said commodities respectively;

determining the labor expense to remove said each of said parts from said product;

entering said resale prices, said commodity prices, and said labor expense into a spreadsheet model; and

executing said spreadsheet model to optimally determine which of said parts to remove from said product or whether to offer said product for resale to provide greatest economic benefit by recovering largest revenue.

8. [Amended] A computer system for determining the optimal extent to demanufacture a product to provide greatest economic benefit, said product having a plurality of parts wherein each of said parts comprises one or more commodities, said system comprising:

means for collecting one or more resale prices for one or more of said parts respectively;

means for collecting one or more commodity prices for one or more of said commodities respectively;

means for determining the labor expense to remove said each of said parts from said product;

means for entering said resale prices, said commodity prices, and said labor expense into a spreadsheet model; and

means for executing said spreadsheet model to optimally determine which of said parts to remove from said product to provide greatest economic benefit by recovering largest revenue.

9. [Amended] A computer program product for instructing a processor to determine the optimal extent to demanufacture a product to provide greatest economic benefit, said product having a plurality of parts, wherein each of said parts comprises one or more commodities, said computer program product comprising:

a computer readable medium;

first computer instruction means for collecting a resale price for said product;

second computer instruction means for collecting one or more

resale prices for one or more of said parts respectively;

third computer instruction means for collecting one or more commodity prices for one or more of said commodities respectively;

fourth computer instruction means for determining the labor expense to remove said each of said parts from said product;

fifth computer instruction means for entering said resale prices, said commodity prices, and said labor expense into a computer model; and

sixth computer instruction means for executing said computer model to make an optimal determination of whether to sell said product, or whether to remove and sell one or more of said parts from said product to provide greatest economic benefit by recovering largest revenue; and wherein

all of said computer instruction means are recorded on said medium.

REMARKS

The above amendment and these remarks are responsive to the Office Action of Examiner Eric T. Shaffer dated 06/27/2002.

Claims 1-10 are in the case, none having been allowed.